

**California Regional Water Quality Control Board  
Santa Ana Region**

**April 15, 2005**

**Item: 8**

**Subject: Consideration of Approval of San Timoteo and Beaumont Management Zones Maximum Benefit Monitoring Programs Submitted in Compliance with the Total Dissolved Solids (TDS) and Nitrogen Management Plan Specified in the Water Quality Control Plan for the Santa Ana River Basin – Resolution No. R8-2005-0066**

**DISCUSSION**

On January 22, 2004, the Regional Board adopted Resolution No. R8-2004-0001, amending the Water Quality Control Plan for the Santa Ana River Basin (Basin Plan) to incorporate a revised Total Dissolved Solids (TDS) and Nitrogen Management Plan. The revised Total Dissolved Solids and Nitrogen Management Plan addresses total dissolved solids (TDS) and nitrogen in both surface waters and groundwaters throughout the Santa Ana River basin.

A Maximum Benefit Implementation Plan for Salt Management for the San Timoteo and Beaumont Management Zones (Maximum Benefit Implementation Plan) is included as part of the TDS and Nitrogen Management Plan. The Maximum Benefit Implementation Plan identifies the actions necessary to implement maximum benefit water quality objectives for TDS and nitrate-nitrogen that apply to the San Timoteo and Beaumont Management Zones. These objectives apply provided that the City of Beaumont (Beaumont) and San Timoteo Watershed Management Authority (STWMA) implement specific plans and projects, including surface and groundwater monitoring programs. In the case of the San Timoteo Management Zone, the application of the maximum benefit objectives is also contingent on the implementation of surface and groundwater monitoring and other specified programs by the Yucaipa Valley Water District, pursuant to a separate Maximum Benefit Implementation Plan (see Item 7).

The Maximum Benefit Implementation Plan for the San Timoteo and Beaumont Management Zones requires Beaumont and STWMA to submit proposed ground and surface water monitoring programs for approval by the Regional Board. Approval of monitoring programs proposed by the Yucaipa Valley Water District is addressed in a separate resolution (Resolution No. R8-2005-0065 (Item 7)). Since Beaumont/STWMA and YVWD have water management plans that affect the San Timoteo Management Zone, the Maximum Benefit Implementation Plans and the surface water and groundwater monitoring programs proposed by the two interests were developed in a coordinated manner.

By letter dated February 20, 2004, Beaumont and STWMA submitted proposed surface and groundwater monitoring programs. These proposed monitoring programs are attached to Resolution No. R8-2005-0066. Staff has reviewed the proposed monitoring programs and finds that they satisfy the Maximum Benefit Implementation Plan requirements.

**STAFF RECOMMENDATION**

Adopt Resolution No. R8-2005-0066, approving the San Timoteo and Beaumont Management Zones Maximum Benefit Surface and Groundwater Monitoring Programs shown in the attachment to the Resolution.

California Regional Water Quality Control Board  
Santa Ana Region

**RESOLUTION NO. R8-2005-0066**

Resolution Approving the San Timoteo and Beaumont Management Zones Maximum Benefit Surface Water and Groundwater Monitoring Program Proposals as Required in the Total Dissolved Solids and Nitrogen Management Plan Specified in the Water Quality Control Plan for the Santa Ana River Basin

**WHEREAS, the California Regional Water Quality Control Board, Santa Ana Region (hereinafter Regional Board), finds that:**

1. An updated Water Quality Control Plan for the Santa Ana River Basin (Basin Plan) was adopted by the Regional Board on March 11, 1994, approved by the State Water Resources Control Board (SWRCB) on July 21, 1994, and approved by the Office of Administrative Law (OAL) on January 24, 1995.
2. Amendments to the Basin Plan to incorporate a revised Total Dissolved Solids and Nitrogen Management Plan into the 1995 Basin Plan were approved by the Regional Board on January 22, 2004, by the State Water Resources Control Board on October 1, 2004 and by the Office of Administrative Law on December 23, 2004. The surface water components of the amendments are awaiting approval by the U.S. Environmental Protection Agency (EPA). It is neither appropriate nor necessary to await EPA approval consider approval, and thereby trigger implementation, of monitoring programs designed to assess water quality conditions in the Region.
3. The revised Total Dissolved Solids and Nitrogen Management Plan addresses total dissolved solids (TDS) and nitrogen in both surface waters and groundwaters throughout the Santa Ana River basin.
4. The revised TDS and Nitrogen Management Plan includes a Maximum Benefit Implementation Plan for Salt Management in the San Timoteo and Beaumont Management Zones (hereinafter, Maximum Benefit Implementation Plan). The Maximum Benefit Implementation Plan identifies the actions necessary to implement maximum benefit water quality objectives for TDS and nitrate-nitrogen that apply to the San Timoteo and Beaumont Management Zones. These objectives apply provided that the City of Beaumont and the San Timoteo Watershed Management Authority (hereinafter, Beaumont and STWMA, respectively) implement specific plans and projects, including surface and groundwater monitoring programs. In the case of the San Timoteo Management Zone, the application of these objectives is also contingent on the implementation of surface and groundwater monitoring and other specified programs by the Yucaipa Valley Water District. Approval of monitoring programs proposed by the Yucaipa Valley Water District is addressed in a separate resolution (Resolution No. R8-2005-0065).
5. Pursuant to the Maximum Benefit Implementation Plan, Section C.1 and C.2, Beaumont and STWMA were required to submit by January 23, 2005 proposed surface and groundwater monitoring programs for Regional Board approval. The Maximum Benefit Implementation Plan identifies the components that must be included in these monitoring programs, at a

minimum. Beaumont and STWMA submitted the proposed monitoring programs on February 20, 2004.

6. The proposed ground and surface water monitoring programs satisfy relevant requirements of the Maximum Benefit Implementation Plan for Salt Management in the San Timoteo and Beaumont Management Zones, as specified in the Basin Plan.
7. The approved surface and groundwater monitoring plans must be implemented by Beaumont and STWMA. The Maximum Benefit Implementation Plan requires that these programs be implemented prior to the recharge of recycled water in either the San Timoteo Management Zone or the Beaumont Management Zone. This requirement will be incorporated in water recycling requirements issued to the City of Beaumont and STWMA.

**NOW, THEREFORE, BE IT RESOLVED THAT:**

The Regional Board approves the proposed surface and groundwater monitoring programs submitted by the Beaumont and STWMA on February 20, 2004.

I, Gerard J. Thibeault, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of a resolution adopted by the California Regional Water Quality Control Board, Santa Ana Region, on April 15, 2005.

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Gerard J. Thibeault  
Executive Officer

# STWMA

## San Timoteo Watershed Management Authority

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February 20, 2004

Mr. Gerard J. Thibeault  
Chief Executive Officer  
Santa Ana Regional Water Quality Control Board  
3737 Main Street, Suite 500  
Riverside, CA 92501

**Re: Request for Maximum Benefit Objectives & Draft Monitoring Program for the Beaumont and San Timoteo Management Zones**

The San Timoteo Watershed Management Authority (STWMA) is participating with its member agencies to implement the watershed-scale water resources management plan identified in the San Timoteo Watershed Management Program Final Phase 1 Report (STWMP). STWMA is currently involved in implementation of all Program Elements listed in the STWMP. This includes the comprehensive monitoring program as presented under Program Element 1. STWMA is also currently working to characterize the quality and quantity of urban stormwater/dry weather runoff in the watershed through a grant from the State Water Resources Control Board.

STWMA is committed to protecting the groundwater supplies in the Beaumont and the San Timoteo Management Zones and therefore requests the Regional Water Quality Control Board to implement the water quality objectives included in the maximum benefit study for these management zones. In this context, STWMA is submitting this request and a draft Monitoring Program on behalf of STWMA and the City of Beaumont for the Beaumont and San Timoteo Management Zones for your review and consideration. With regard to the San Timoteo Management Zone, it is anticipated that Yucaipa Valley Water District will perform the sampling along San Timoteo Creek downstream of Yucaipa Creek (approximately the Riverside/San Bernardino County line) and Beaumont-Cherry Valley Water District will perform the sampling for the portion upstream of the confluence of Yucaipa Creek.

STWMA will participate in computing ambient groundwater quality as a regional effort which should begin by July 2004 so that an ambient quality determination for the STWMA area can be provided to the RWQCB by July 1, 2005. Further, STWMA will participate in subsequent ambient quality determinations every three years thereafter.

STWMA appreciates the efforts of the Regional Board and its staff during the development of the Basin Plan Amendment, and the opportunity to demonstrate beneficial use protection based on maximum benefit objectives. We look forward to working with you and your staff on this important endeavor to responsibly manage the region's water resources.

If you have any questions, please do not hesitate to contact me.

Regards,

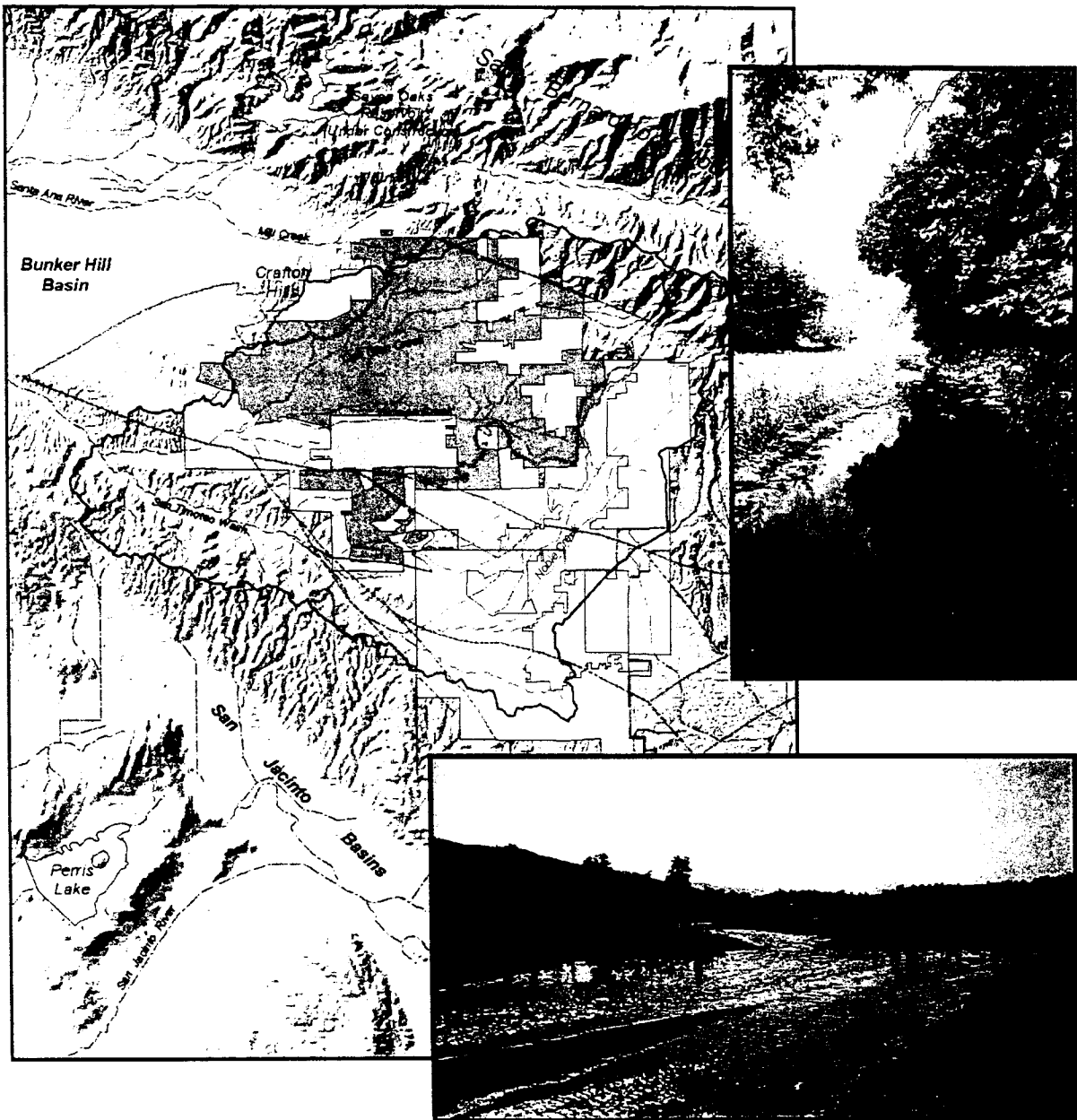


J. Andrew Schlange  
General Manager

Enclosure

CC: Hope Smythe, Joann Schneider – RWQCB  
City of Beaumont; STWMA Commission

# SAN TIMOTEO WATERSHED MANAGEMENT PROGRAM



**DRAFT**

## **MAXIMUM BENEFIT MONITORING PLAN**

PREPARED FOR

**SAN TIMOTEO WATERSHED MANAGEMENT AUTHORITY  
CITY OF BEAUMONT**

FEBRUARY 2004

**WE** WILDERMUTH  
ENVIRONMENTAL, INC.

DRAFT

MAXIMUM BENEFIT MONITORING PLAN

*Prepared for*

San Timoteo Watershed Management Authority

And

City of Beaumont

*Prepared by*

Wildermuth Environmental, Inc.

February 2004

## 1. INTRODUCTION

The Regional Water Quality Control Board amended the Basin Plan with regard to TDS/Nitrogen Management in the Santa Ana River Watershed on January 22, 2004 (Amendment). As part of the process to develop the Amendment, the San Timoteo Watershed Management Authority (STWMA) and the City of Beaumont (Beaumont) had proposed alternative, less stringent TDS and/or nitrate-nitrogen water quality objectives be adopted. Their proposals were based on additional consideration of the factors specified in Water Code Section 13241 and the requirements of the State's anti-degradation policy (State Board Resolution No. 68-16). Other factors, such as economics, the need to use recycled water, and the need to develop housing in the area were also taken into account in establishing the objectives. Since the less stringent objectives would allow a lowering of water quality, the agencies were required to demonstrate that their proposed objectives would protect beneficial uses, and that water quality consistent with maximum benefit to the people of the state would be maintained. To make the required demonstrations, the agencies committed to conduct monitoring of specific water bodies. These commitments were subsequently included in the Amendment adopted by the RWQCB with Resolution No. R8-2004-0001 on January 22, 2004.

STWMA and Beaumont are committed to protecting the groundwater supplies in the Beaumont Management Zone (MZ) and the San Timoteo MZ and therefore request the Regional Water Quality Control Board to implement the water quality objectives included in the maximum benefit study for these Management Zones. With regard to the San Timoteo MZ, it is anticipated that Yucaipa Valley Water District will perform the sampling along San Timoteo Creek downstream of Yucaipa Creek (approximately the Riverside/San Bernardino County line) and Beaumont-Cherry Valley Water District will perform the sampling for the portion upstream of the confluence of Yucaipa Creek.

The purpose of this document is to provide the Regional Water Quality Control Board with the methodology to be implemented by STWMA and Beaumont to monitor the local groundwater and surface water sources. In summary, the following elements are included in the monitoring program:

- Water quality database update
- Groundwater level monitoring program
- Groundwater quality monitoring program
- Surface water discharge and quality monitoring program

## 2. MONITORING PROGRAM DESCRIPTION

### 2.1 Water Quality Database Update

The initial step for any water resources monitoring program is to develop a relational database structure to store the collected data. A relational database typically contains a main table, herein referred to as the *stations table*, which stores the information pertaining to the data collection site. Typically, these data collection sites are wells, wastewater discharge points, stream gaging stations, etc. As an example for a well, the data stored in a *stations table* would include the well name, well owner, location coordinates, and the well status, among other data. A database also includes *data tables* that store the data collected at the site, such as water level measurements from a well. These *data tables* are related to the *stations table* through a unique ID for each data collection site. It is imperative that the *stations table* be accurate and current as monitoring data is uploaded to the database.

Virtually all the available groundwater level and groundwater quality data that existed prior to 1998 for the entire Beaumont and San Timoteo Management Zones was compiled into a relational database during the Nitrogen/TDS Study that was administered by the Santa Ana Watershed Project Authority (WEI, 2000b). In this study, a great deal of attention was paid to quality control and database design. Subsequently, WEI updated the N/TDS database for these Management Zones for the Final Phase I Report through about 2000 (WEI, 2002). The updated N/TDS database will store all data collected from the various monitoring programs (see Sections 2.2 through 2.4). The resulting database developed by WEI is based on the minimum required data for water quality databases as recommended by the US EPA.

The following tasks must be implemented before data collection begins:

#### 2.1.1 Determine Universe of Wells

In order to construct any portion of the monitoring program, knowledge of the data collection stations (e.g. wells) must be current, and such data must be stored within the *stations table* of the database. Figure 1 is a map that displays all wells in the Yucaipa, Beaumont and San Timoteo Management Zones – a total of about 520 wells. In the Beaumont MZ and the portion of the San Timoteo MZ that STWMA and Beaumont will be sampling, there are about 320 wells. These wells are listed in Table 1 and are sorted by owner. Some of these wells also have monitoring data stored in the database *data tables*, such as groundwater level data, groundwater quality data, and groundwater production data. STWMA and Beaumont will determine the universe of wells in the Beaumont MZ and in the Riverside County portion of the San Timoteo MZ. YVWD will determine the universe of wells in the San Bernardino County portion of the San Timoteo MZ and in the Yucaipa MZ.

The database contains data up through about 2000. Various entities, including South Mesa Mutual Water Company (SCMWC), Western Heights Mutual Water Company (WHMWC), City of Redlands, YVWD, and USGS, among others, collect and store water resources data from the area in local databases. These databases will be used to update both the database and, subsequently, Figure 1 to display all wells in the area as of the end of calendar year 2003. In addition, the associated monitoring data must also be uploaded to the database. Each well in Figure 1 then becomes a candidate for inclusion in one or more elements of the monitoring program.

#### 2.1.2 Canvas Wells

Most wells in the database lack sufficient *stations* information to determine if a particular well should be included in a particular monitoring program. For instance, without knowledge of a well's status (i.e. active, inactive, abandoned, or destroyed), that well can not be definitively included in a water quality monitoring program since it is unknown if a working pump is installed



at this well. For another example, a well cannot be definitively included in a groundwater-level monitoring program unless it is known that a port exists at the wellhead to insert a water level sounder.

For these reasons, every well in Figure 1 must be canvassed through a site visit with appropriate data collection. At the site visit, each well will be physically “tagged” with an ID number that corresponds to its unique ID in the database. All data collected from the well will be referenced with this ID. The *stations* information collected at each well site will include:

- . Well ID Number
- . Local name
- . Ownership information
- . XY-coordinates
- . Ground surface elevation
- . Reference point description (e.g. top of casing) and distance above ground surface
- . Capable of obtaining water level (y/n) and water quality (y/n)?
- . Well status (e.g. active, inactive, abandoned, destroyed)
- . Well use (e.g. irrigation, domestic, monitor, etc.)
- . Production meter description and units of measurement
- . Reference digital photographs

### 2.1.3 Update Database

The data collected during the canvassing of wells will be used to update the *stations table* in the database. Figure 1 will then be re-generated and be used to construct the various monitoring programs listed below.

## 2.2 Groundwater Levels

### 2.2.1 Historical Groundwater Level Monitoring

Various entities have collected groundwater level data in the past. Municipal and agricultural water supply entities have historically collected groundwater level data in programs that range from irregular, study-oriented measurements to long-term periodic measurements. Groundwater level measurements were made for specific investigations such as various California Department of Water Resources (DWR) studies, the United States Geological Survey (USGS) and other investigations by local interests.

In recent years the San Geronio Pass Water Agency (SGPWA) has implemented a cooperative program with the local water agencies including BCVWD, City of Banning, South Mesa Water Company, YVWD, USGS, and some private well owners. SGPWA has compiled these groundwater level observations in a relational database maintained at SGPWA. In addition, the San Bernardino Valley Municipal Water District (SBVMWD) and Western Municipal Water District (WMWD) compile groundwater level data from the City of Redlands, Western Heights Water Company, YVWD, and some private well owners. These data are compiled into various databases maintained at SBVMWD, WMWD and at STWMA.

The databases developed by the various entities have different structures and levels of quality control.

As noted above in Section 2.1, virtually all the available groundwater level data that existed prior to 2001 for the entire area has been compiled into a relational database during the N/TDS study (WEI, 2000b) and the Phase I Report (WEI, 2002).

### 2.2.2 Proposed Groundwater-Level Monitoring Program

STWMA and Beaumont propose a two-part program – Part 1 Interim Groundwater Level Program and Part 2 Groundwater-Level Key Well Program. Part 1 has two tasks:

*Task 1 Update the database to include all available groundwater level data in the area.* In this task, all historical data would be requested from entities that have collected groundwater level data in the area and in some surrounding basins. These groundwater level data would then be compiled into the database.

*Task 2 Monitor all wells in the area for two years.* Static groundwater levels at all wells identified during the well canvassing as capable of obtaining water level measurements will be measured monthly during this period. These groundwater level data would be compiled into the database.

At the end of the two-year period, an assessment of the groundwater level data and management program will be made to determine the absolute minimum set of wells that need to be monitored to meet the management needs of the area and the protocols for measuring groundwater levels. This minimum set of wells may include the construction of new monitoring wells. These new wells would typically be nested sets of two or three wells within one borehole that would measure depth-specific piezometric head. These nested monitoring wells would be sited and constructed at the conclusion of the three-year monitoring period after thorough analysis of the data collected. This minimum set of wells (both existing wells and new monitoring wells) is hereafter referred to as the *Groundwater-Level Key Well Program*.

Many of the key wells should be equipped with pressure transducers to automatically record water levels at a prescribed interval. Transducers are not only cost-efficient in the long-term, but typically collect better-quality data than is collected by manual methods at longer measurement frequencies.

## 2.3 Groundwater Quality

### 2.3.1 Historical Groundwater Quality Monitoring

Various entities have collected groundwater quality data in the past. South Mesa Mutual Water Company (SMMWC), Western Heights Mutual Water Company (WHMWC), the City of Redlands, SGPWA, SBVMWD, YVWD, USGS, and the counties have collected groundwater quality data to comply with DHS requirements under Title 22 or for programs that range from irregular study-oriented measurements to long-term periodic measurements.

### 2.3.2 Proposed Groundwater-Quality Monitoring Program

As with the groundwater-level monitoring program, STWMA and Beaumont propose a two-part program – Part 1 an initial groundwater quality assessment and Part 2 a long-term key well monitoring effort. Part 1 has two tasks:

*Task 1 Update the database to include all available groundwater quality data in the area.* Task 1 will maximize the use of existing and mandated water quality programs. The update will consist of collecting all water quality data from the City of Redlands, SGPWA, SBVMWD, USGS, SMMWC and WHMWC.

*Task 2 Sample and analyze for water quality at all wells in the area once over a two-year period.* Task 2 will implement a sampling and analysis program at private and publicly-owned wells that are not part of any existing or mandated water quality monitoring program. These wells would be sampled once over a two-year period. The wells to be included in this task will be identified in the well canvassing task described in Section 2.1.2. A sampling and analysis plan will be developed that identifies these wells and describes the constituents, sampling protocols, etc. The samples would be analyzed for the full Title 22 list of constituents as if the

well were used for municipal supply. WEI reviewed the database and estimated the number of wells that will need to be sampled as part of this task. Re-sampling and analysis will be done at wells if QA/QC problems are encountered or verification is desired.

Table 2 lists the constituents and the unit cost for each well. Beaumont-Cherry Valley Water District (BCVWD) staff members would collect the samples and arrange for shipping samples to a laboratory for analysis.

The data collected in Tasks 1 and 2 above will be rigorously reviewed and compiled into the existing database and, where appropriate, mapped. Based on the review of this data, a long-term monitoring program will be developed and implemented. The long-term monitoring program will contain a minimum set of key wells that can be periodically monitored to assess water quality conditions in the area over time. Just as with groundwater level monitoring, this minimum set of wells may include the construction of new monitoring wells. These wells would typically be nested sets of two or three wells within one borehole that would measure depth-specific water quality. These nested monitoring wells would likely be the same wells constructed for groundwater level monitoring, and will be sited and constructed at the conclusion of the two-year monitoring period after thorough analysis of the collected data. This minimum set of wells (both existing wells and new monitoring wells) is hereafter referred to as the *Groundwater-Quality Key Well Program*.

## **2.4 Surface Water Discharge and Quality Monitoring**

### **2.4.1 Historical Surface Water Monitoring**

The objectives for surface water discharge and associated water quality monitoring are:

- to characterize the quality and magnitude of recharge waters;
- to estimate consumptive use of riparian vegetation;
- to assess the salt balance in the basin; and
- for regulatory compliance purposes for RWQCB and DHS.

Characterizing water quality of local and imported waters used for recharge in the basin is necessary to protect water quality for beneficial uses, design treatment processes to produce water quality suitable for intended uses, and to minimize the cost of recycled water recharge. STWMA and Beaumont are cooperating in a plan to maximize the use of recycled water and will be minimizing the discharge of recycled water to Cooper's Creek.

STWMA and Beaumont have negotiated higher basin plan objectives for TDS and nitrogen. In so doing, commitments were made to determine the magnitude and quality of surface water discharge at key locations and to characterize the magnitude and quality of recharge. This data will be used to estimate the salt loads and salt balance in the groundwater basins that underlie the area. Finally, the proposed Title 22 regulations for the planned recharge of recycled water require the monitoring of recharge by all sources if recycled water is being recharged. Parties recharging recycled water will need to make periodic demonstrations regarding the blending and quality of recharged water.

### **2.4.2 Historical Surface Water Discharge and Quality Monitoring**

There has not been a consistent, long-term discharge or water quality monitoring program in the area for surface water recharge. There are some metered diversions in the mountain areas and some ad hoc water quality measurements. Beaumont conducts surface water sampling programs near the point of discharge of its recycling plants pursuant to its NPDES Permit.

### **2.4.3 Proposed Surface Water Discharge and Quality Monitoring**

All recharge facilities will need to be instrumented so that inflow, recharge and direct outflow can be estimated. These facilities currently do not exist and therefore no facility-specific

recommendations are made herein. However, a set of pre-facility recommendations are included herein to develop background data that could be used for future recharge assessments.

The RWQCB has developed a monitoring program that must be implemented if STWMA and Beaumont are to be allowed to operate the management zones at higher TDS and nitrogen objectives. This monitoring program is shown in the Table 3. The monitoring program for stream sites has a bi-weekly sampling rate for discharge and water quality. Most of these sites will be dry most of the time. Exceptions include the stations downstream of recycled water discharge point that could have flow most of the time. STWMA and Beaumont will monitor for total dissolved solids (TDS), total organic carbon (TOC), general minerals, ammonia, nitrite, nitrate, total inorganic nitrogen (TIN), total nitrogen (TN), and physical properties from streams that are tributary to future recharge facilities. This sampling should be done bi-weekly for two years when discharge is available for sampling.

### **3. IMPLEMENTATION OF THE MONITORING PROGRAM**

The implementation plan for the first ten years is summarized below.

#### **3.1 First Two Years (April 1, 2004 to March 31, 2006)**

The following actions will be completed in the first two years of the monitoring program:

- Complete initial survey for the groundwater level program.
- Complete initial survey for groundwater quality program.
- Complete installation of water level sensors in recharge and retention facilities.
- Start and continue surface water discharge and quality monitoring at the Beaumont outfall per the salt management plan.
- Start and continue surface water discharge and quality monitoring at recharge and retention facilities.
- Update and maintain the database; prepare reports as requested and as required by regulators – STWMA.

#### **3.2 Years Three to Ten (April 1, 2006 to March 31, 2014)**

The following actions will be completed in years four through ten of the monitoring program:

- Start and continue long-term groundwater level monitoring program, cause key wells to be relocated as necessary.
- Start and continue long-term groundwater quality monitoring program, cause key wells to be relocated as necessary.
- Continue surface water discharge and quality monitoring at surface water stations described in 2004 Basin Plan salt management plan until discharge to Cooper's Creek ceases.
- Continue surface water discharge and quality monitoring at recharge and retention facilities.
- Update and maintain database; prepare reports as requested and as required by regulators.

4. REFERENCES

Wildermuth Environmental, Inc. 2002. *San Timoteo Watershed Management Program Final Phase I Report*. Prepared for the San Timoteo Watershed Management Authority (March, 2002).

Wildermuth Environmental, Inc. 2002b. TIN/TDS Phase 2A: MS Access Database for TIN/TDS Study of the Santa Ana Watershed. Technical Memorandum. July 2000. Appendix A.

Table 1  
Initial Catalog of Wells To Canvas

Member Agency Sphere	Owner	Private or Public?	Existing Well Information						
			STWMA_ID	State Well Number	Local Name	Production Data Exists?	Water Level Data Exists?	Water Quality Data Exists?	Any Data Exists?
BCVWD	ALMO, M.C.	Private	1006182	03S01W10N01		N	N	N	N
BCVWD	ARNETT, F.	Private	1206855	03S01W14J02		N	Y	N	Y
BCVWD	BARRET	Private	1006180	03S01W09J01		N	N	N	N
BCVWD	BAUMSTARK, JR., LEOPOLD	Private	1002946	02S01W29A04		N	N	N	N
BCVWD	BEAUMONT CEMETERY	Private	1004376	03S01W10R03		N	N	N	N
BCVWD	BEAUMONT IRRIGATION DISTRICT	Private	1201467	02S01W26G01	OLD #28	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY RECREATION AND PARKS	Public	1207014	02S01W33Q01		N	Y	N	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1004351	03S01W03K03	1	Y	Y	N	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002896	02S01W02J01	1	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1004349	03S01W03K01	2	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1007014	02S01W02K	2	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1004350	03S01W03K02	3	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002930	02S01W22H01	4	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002935	02S01W23D01	5	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002917	02S01W10J01	6	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1007015	02S01W10J03	7	N	Y	N	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1201423	02S01W02K	7	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1201437	02S01W10R01	8	N	Y	N	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1201424	02S01W02K	8	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002898	02S01W02K01	9	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002901	02S01W02P01	11	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002891	02S01W01E02	12	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002890	02S01W01E01	13	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002899	02S01W02K02	14	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002938	02S01W27B01	16	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1201425	02S01W02K	17	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002895	02S01W02H03	18	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1007011	02S01W02H	19	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1201487	02S01W34A01	21	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002966	02S01W34Q01	22	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1207328	02S01W27L	23	N	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002931	02S01W22H02	4A	Y	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1207331		BH-1	N	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1207329		MW-1	N	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1207330		MW-2	N	Y	Y	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1201461	02S01W23F01	NOBLE 1	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1201462	02S01W23G01	NOBLE 2	N	Y	N	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002936	02S01W23L01	NOBLE NO. 1	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206878	02S01W22G02	OLD 1	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206866	02S01W11D01	OLD 12	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206875	02S01W14N02	OLD 13	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206876	02S01W14N03	OLD 15	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206867	02S01W11E01	OLD 16	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206870	02S01W14E01	OLD 17	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1201455	02S01W22A02	OLD 18	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002929	02S01W22G01	OLD 2	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206861	02S01W02P03	OLD 21	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206859	02S01W02K02	OLD 23	N	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206858	02S01W02K02	OLD 24	N	N	N	N

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			STWMA_ID	State Well Number	Local Name	Production Data Exists?	Water Level Data Exists?	Water Quality Data Exists?
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206857	02S01W02K	OLD 25	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206877	02S01W22A03	OLD 29	N	N	Y
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206879	02S01W22H03	OLD 3	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206872	02S01W14L02	OLD 31	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206871	02S01W14L01	OLD 32	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206868	02S01W14C01	OLD 34	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206862	02S01W02P04	OLD 36	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206863	02S01W10J01	OLD 4	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206873	02S01W14M01	OLD 5	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206864	02S01W10J02	OLD 6	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206865	02S01W10J04	OLD 7	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1201454	02S01W22A01	OLD 8	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206874	02S01W14N01	OLD 9	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206860	02S01W02K05	OLD 9	N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206893	02S01W22Q01		N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206894	02S01W22Q02		N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206882	02S01W22K02		N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206881	02S01W22K01		N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206880	02S01W22H04		N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1002937	02S01W23M01		N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206830	02S01W23M02		N	N	N
BCVWD	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Public	1206869	02S01W14C02		N	N	N
BCVWD	BECKMAN, WALT	Private	1206852	02S01W28M01		N	Y	N
BCVWD	BINGHAM, ED	Private	1207017	03S01W09Q04		N	N	N
BCVWD	BONITA VISTA MUTUAL WATER COMPANY	Public	1002933	02S01W22M02	1	Y	N	Y
BCVWD	BONITA VISTA MUTUAL WATER COMPANY	Public	1002928	02S01W22E01	2	Y	Y	Y
BCVWD	BONITA VISTA MUTUAL WATER COMPANY	Public	1002932	02S01W22M01	4	Y	Y	Y
BCVWD	BONITA VISTA MUTUAL WATER COMPANY	Public	1206884	02S01W22A04		N	Y	N
BCVWD	BRITTON, LARRY	Private	1201486	02S01W31H01		N	Y	Y
BCVWD	CALIFORNIA OAK VALLEY GOLF AND RESORT LLC	Private	1007025	02S01W33L01	OAK VALLEY #1	Y	Y	Y
BCVWD	CHERRY VALLEY MUTUAL WATER CO.	Public	1201469	02S01W29A02	1	N	N	N
BCVWD	CHERRY VALLEY MUTUAL WATER COMPANY	Public	1007022	02S01W29H05	#22	N	Y	N
BCVWD	CHERRY VALLEY NURSERY	Private	1206853	02S01W29J02		N	N	N
BCVWD	CHILDHELP USA	Private	1207018	03S01W15K		N	N	N
BCVWD	COCKRELL, W	Private	1002943	02S01W29A01		N	N	N
BCVWD	COSCAN/STEWART PARTNERSHIP	Private	1004353	03S01W04K01	1	N	N	N
BCVWD	COSCAN/STEWART PARTNERSHIP	Private	1004356	03S01W04Q02	2	N	N	N
BCVWD	COSCAN/STEWART PARTNERSHIP	Private	1004354	03S01W04L01	3	N	N	N
BCVWD	COSCAN/STEWART PARTNERSHIP	Private	1006193	03S01W14D01		N	N	N
BCVWD	COUNTY OF RIVERSIDE	Private	1207019	03S02W01H01	1	N	Y	Y
BCVWD	DANISE, W.	Private	1006183	03S01W11A01		N	N	N
BCVWD	DOWLING, FRANCIS M	Private	1004365	03S01W09D01	1	N	N	N
BCVWD	DOWLING, FRANCIS M	Private	1004364	03S01W09C01	2	N	Y	N
BCVWD	DOWLING, FRANCIS M	Private	1203304	03S01W09F	3	N	N	N
BCVWD	DYSART, A.	Private	1002958	02S01W31G01		N	N	N
BCVWD	ESCALLE, P.	Private	1006179	03S01W05B01		N	N	N
BCVWD	GRAVES, E. J.	Private	1201477	02S01W29R01	1	N	N	N
BCVWD	HADDOX, E.	Private	1206828	02S01W19H01		N	N	N
BCVWD	HANNON, E.	Private	1002949	02S01W29M01		N	N	N



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BCVWD	HASKELL RANCH	Private	1201577	02S02W27	4	N	Y	N	Y
BCVWD	HASKELL RANCH	Private	1201585	02S02W36C01	LOWER 1	N	N	N	N
BCVWD	ILLY, STEFAN	Private	1201450	02S01W21L	2	N	Y	N	Y
BCVWD	ILLY, STEFAN	Private	1201451	02S01W21L	3	Y	Y	N	Y
BCVWD	ILLY, STEFAN	Private	1007018	02S01W21L04	1 (Emenths2)	Y	Y	N	Y
BCVWD	ISBELL, JR., FRANK P.	Private	1201478	02S01W29R02		N	N	N	N
BCVWD	KELLER	Private	1201447	02S01W19D02	3711 CHERRY	Y	Y	N	Y
BCVWD	KOLB, C. HAROLD AND BETTY G.	Private	1201473	02S01W29M02		N	N	N	N
BCVWD	KOVACH	Private	1206831	02S01W28J01	3 2 HP	N	N	N	N
BCVWD	LOS RIOS INC.	Private	1200447	01S01W36L	E236b	N	N	N	N
BCVWD	MAGALLON, JORGE	Private	1207012	02S01W19Q01	1	N	Y	N	Y
BCVWD	MANHEIM MARVIN	Private	1201488	02S01W34E01		N	N	N	N
BCVWD	MC GEE, J.	Private	1002924	02S01W21L01		N	N	N	N
BCVWD	MC GEE, J. H.	Private	1201452	02S01W21L05	HICKS B-51	N	N	N	N
BCVWD	MCLANE	Private	1006184	03S01W11B01		N	N	N	N
BCVWD	MEADOWS MANAGEMENT CORPORATION	Private	1207013	02S01W31D01		N	N	N	N
BCVWD	MONARCH LAND CO.	Private	1201466	02S01W26A02	HISPRING #1	N	N	N	N
BCVWD	OAK VALLEY PARTNERS	Private	1003078	02S02W25P01	HASKELL-MAIN	Y	Y	N	Y
BCVWD	OAK VALLEY PARTNERS	Private	1004359	03S01W06C01	HOUSTON	N	N	N	N
BCVWD	OAK VALLEY PARTNERS	Private	1206848	02S01W32B03	OVGC Comfort Stn	N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002947	02S01W29G01	#193 Phillips,	N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1007021	02S01W29G05	#197, Lamaster, Kathleen	N	Y	N	Y
BCVWD	OWNER UNKNOWN	Private	1002951	02S01W29Q01	#226 Ritchie, T	N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1007024	02S01W30L01	#241	N	Y	N	Y
BCVWD	OWNER UNKNOWN	Private	1002959	02S01W32A01	#252	N	Y	N	Y
BCVWD	OWNER UNKNOWN	Private	1004358	03S01W05R03	#493 Schuelke R	N	Y	N	Y
BCVWD	OWNER UNKNOWN	Private	1004371	03S01W09R06	#52 Roman	N	Y	N	Y
BCVWD	OWNER UNKNOWN	Private	1004374	03S01W10Q04	#534 Cunningham	N	Y	N	Y
BCVWD	OWNER UNKNOWN	Private	1004379	03S01W14F01	#561 Hovnanian	N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004380	03S01W15D05	#569 Jurado	N	Y	N	Y
BCVWD	OWNER UNKNOWN	Private	1004362	03S01W06L01		N	Y	N	Y
BCVWD	OWNER UNKNOWN	Private	1004370	03S01W09R04		N	Y	N	Y
BCVWD	OWNER UNKNOWN	Private	1002894	02S01W02H01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1003084	02S02W35D01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004361	03S01W06F02		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004363	03S01W07C01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004360	03S01W06F01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002922	02S01W19R01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002961	02S01W32G01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002960	02S01W32F01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002948	02S01W29K01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002945	02S01W29A03		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002952	02S01W29R03		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002927	02S01W21N01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004366	03S01W09F01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004367	03S01W09Q01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004355	03S01W04Q01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1006178	03S01W04A01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004384	03S01W16H02		N	N	N	N

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BCVWD	OWNER UNKNOWN	Private	1002923	02S01W21J01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004383	03S01W16H01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004381	03S01W15G01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1004375	03S01W10R01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002964	02S01W34J01		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1002902	02S01W02P02		N	N	N	N
BCVWD	OWNER UNKNOWN	Private	1200443	01S01W36	SMITH	N	N	N	N
BCVWD	R E C PROPERTIES A PARTNERSH	Private	1201474	02S01W29M03		N	N	N	N
BCVWD	REMINGTON, NORMAN	Private	1004373	03S01W10Q01		N	N	N	N
BCVWD	RICE, H.	Private	1201483	02S01W30N01		N	N	N	N
BCVWD	RIEDMAN FRED L	Private	1201482	02S01W30M01	HICKS, #B-72	N	N	N	N
BCVWD	ROBERTS, LESLIE	Private	1006181	03S01W09R01		N	N	N	N
BCVWD	ROMAN, FRANCES	Private	1002920	02S01W19D03		N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Public	1002921	02S01W19N01	#13 El Camino	N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Public	1205085	02S02W35D05	#16 Bo Un, Kim	N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Public	1205085	02S02W35D05	#427, Agri-Empire	N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Public	1205086	02S02W35D06	#428, Agri-Empire #2	N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Public	1206829	02S01W22N01	MW-1	N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Public	1007019	02S01W22N02	MW-2	N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Public	1002941	02S01W27L01	TW-1	N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Public	1002934	02S01W22Q03	TW-2	N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Public	1206832	02S01W34A01	TWA	N	N	N	N
BCVWD	SAN GORGONIO PASS WATER AGENCY	Private	1201485	02S01W31G02		N	N	N	N
BCVWD	SETTLEMIRE & WHEELER	Private	1206995	02S01W31G	A	N	N	N	N
BCVWD	SO. CALIF. PROFESSIONAL GOLF ASSOCIATION	Private	1206998	02S01W31N	B	N	N	N	N
BCVWD	SO. CALIF. PROFESSIONAL GOLF ASSOCIATION	Private	1206997	02S01W31L	C	N	N	N	N
BCVWD	SO. CALIF. PROFESSIONAL GOLF ASSOCIATION	Private	1206996	02S01W31H	D	N	N	N	N
BCVWD	SO. CALIF. PROFESSIONAL GOLF ASSOCIATION	Private	1201468	02S01W28D	1	N	N	N	N
BCVWD	STANDING, E	Private	1206854	02S01W29M01	1	N	N	N	N
BCVWD	SUNNY-CAL EGG & POULTRY COMPANY	Private	1002950	02S01W29N01	2	N	N	N	N
BCVWD	SUNNY-CAL EGG & POULTRY COMPANY	Private	1201480	02S01W30J01	4	N	N	N	N
BCVWD	SUNNY-CAL EGG & POULTRY COMPANY	Private	1201476	02S01W29N02		N	N	N	N
BCVWD	SUNNY-CAL EGG & POULTRY COMPANY	Private	1206843	02S01W29M05		N	N	N	N
BCVWD	SUNNY-CAL EGG & POULTRY COMPANY	Private	1201465	02S01W26A01		N	N	N	N
BCVWD	SUTHERLAND, R. J.	Private	1206856	02S01W29R		N	N	N	N
BCVWD	SZECSY, FERENC	Private	1004382	03S01W16A01		N	N	N	N
BCVWD	THOMAS	Private	1201470	02S01W29E02		N	N	N	N
BCVWD	THOMAS, D.	Private	1004357	03S01W05Q01	Beaumont/Hwy66	N	N	N	N
BCVWD	UNITED STATES, GEOLOGICAL SURVEY/S.B.V.M.W.D.	Public	1201448	02S01W20L01		N	N	N	N
BCVWD	VENABLE, FLODY E.	Private	1201472	02S01W29L01	37321 CHERRY	N	N	N	N
BCVWD	WATHENS, M. R.	Private	1002965	02S01W34M01		N	N	N	N
BCVWD	WILKINS, JAMES	Private	1002925	02S01W21L02		N	N	N	N
BCVWD	WILSON, C.	Private	1201453	02S01W21M01		N	N	N	N
BCVWD	WING, DR. THOMAS W.	Private	1004368	03S01W09Q02	ALMO 1	N	N	N	N
BCVWD	WITTER GEORGE G	Private	1203307	03S01W16B01	HILLTOP 3	N	N	N	N
BCVWD	WITTER GEORGE G	Private	1004369	03S01W09Q03	NESBITT 2	N	N	N	N
BCVWD	WITTER GEORGE G	Private	1206892	03S01W15D01		N	N	N	N
BCVWD	WITTER GEORGE G	Private	1206851	02S01W29G02		N	N	N	N
BCVWD	YOUNG, BERT	Public	1206838	03S01E08L02	B-1	N	N	N	N
City of Banning	BANNING, CITY OF	Public	1206837	03S01E08L01	B-2	N	N	N	N
City of Banning	BANNING, CITY OF	Public				N	N	N	N

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City of Banning	BANNING, CITY OF	Public	1206839	03S01E08P01	C-1	N	N	N	N
City of Banning	BANNING, CITY OF	Public	1004340	03S01E07E01	C-2	Y	Y	Y	Y
City of Banning	BANNING, CITY OF	Public	1007031	03S01E07M	C-2A	Y	Y	Y	Y
City of Banning	BANNING, CITY OF	Public	1004377	03S01W12J01	C-3	Y	Y	Y	Y
City of Banning	BANNING, CITY OF	Public	1206706	03S01W12B02	C-4	Y	Y	Y	Y
City of Banning	BANNING, CITY OF	Public	1206705	03S01E17C01	C-5	Y	Y	Y	Y
City of Banning	BANNING, CITY OF	Public	1007030	03S01E06M01	1	N	Y	N	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1004344	03S01E18C01	1	N	N	N	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1206835	03S01E06N01	2	N	N	N	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1206700	03S01E06P01	3	Y	Y	Y	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1007032	03S01E19B01	4	N	Y	N	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1206833	03S01E19A01	5	N	N	N	N
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1004347	03S01E18M01	6	N	Y	Y	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1004345	03S01E18D01	7	N	Y	Y	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1004346	03S01E18L01	8	N	Y	Y	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1206834	03S01E06N	9	Y	Y	N	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1004342	03S01E18A01	11	N	Y	Y	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1004343	03S01E18B01	12	N	Y	Y	Y
City of Banning	BANNING, CITY OF (MOUNTAIN WATER COMPANY)	Public	1006189	03S01W12E01	15 Grndv	N	N	N	N
City of Banning	BEAUMONT-CHERRY VALLEY WATER DISTRICT	Private	1206885	03S01W12N02		N	N	N	N
City of Banning	COSCAN/STEWART PARTNERSHIP	Private	1006191	03S01W12N01		N	N	N	N
City of Banning	COSCAN/STEWART PARTNERSHIP	Private	1006192	03S01W13M01		N	N	N	N
City of Banning	COSCAN/STEWART PARTNERSHIP	Private	1206850	03S01W01Q01		N	N	N	N
City of Banning	DEUTSCH CO.	Private	1006186	03S01W12B01		N	N	N	N
City of Banning	MATHERS, S.	Public	1004348	03S01W01N01	Martin Well	N	Y	N	Y
City of Banning	MOUNTAIN WATER COMPANY	Private	1004378	03S01W12J02	#554 Presley Co	N	Y	Y	Y
City of Banning	OWNER UNKNOWN	Private	1006188	03S01W12D01		N	N	N	N
City of Banning	OWNER UNKNOWN	Private	1006187	03S01W12C01		N	N	N	N
City of Banning	OWNER UNKNOWN	Private	1006190	03S01W12H01		N	N	N	N
City of Banning	OWNER UNKNOWN	Private	1206836	03S01E06Q01		N	N	N	N
City of Banning	OWNER UNKNOWN	Private	1006185	03S01W12A02		N	N	N	N
City of Banning	RCO CO.	Private	1200445	01S01W36G	1 3HP	N	N	N	N
No XY	LOS RIOS INC.	Private	1200446	01S01W36H	2 WILSHIRE	N	N	N	N
No XY	LOS RIOS INC.	Private	1200444	01S01W36A	WILSHIRE CK	N	N	N	N
No XY	RANCHO CALIMESA	Private	1207000	02S02W25B04	#1	Y	N	N	Y
No XY	RANCHO CALIMESA	Private	1207001	02S02W25B05	#2	Y	N	N	Y
No XY	SUNNY-CAL EGG & POULTRY COMPANY	Private	1206993	02S01W29D01	Unknown #1	Y	N	N	Y
No XY	SUNNY-CAL EGG & POULTRY COMPANY	Private	1206994	02S01W29E01	Unknown #2	Y	N	N	Y
No XY	DEWITT, J. A.	Private	1201538	02S02W19J01		N	N	N	N
San Tim Canyon	EL CASCO LAKE RANCH	Private	1003049	02S02W20R01	ONE	Y	Y	N	Y
San Tim Canyon	FOSTER, K.	Private	1201579	02S02W27D01	4	N	N	N	Y
San Tim Canyon	HASKELL RANCH	Private	1201571	02S02W26	3	Y	Y	N	Y
San Tim Canyon	HASKELL RANCH	Private	1201581	02S02W28		N	N	N	N
San Tim Canyon	HASKELL RANCH	Private	1201578	02S02W27		N	N	N	N
San Tim Canyon	HILDEBRAND, CHESTER F.	Private	1003048	02S02W20N01		N	N	N	N
San Tim Canyon	LOWER YUCAIPA WATER COMPANY	Public	1201631	02S03W14B02	2	N	N	N	N
San Tim Canyon	OWNER UNKNOWN	Private	1003047	02S02W20K01		N	N	N	N
San Tim Canyon	OWNER UNKNOWN	Private	1003050	02S02W20R03		N	N	N	N
San Tim Canyon	OWNER UNKNOWN	Private	1003081	02S02W28J01		N	N	N	N

Table 1  
Initial Catalog of Wells To Canvas

Member Agency Sphere	Owner	Private or Public?	Existing Well Information					Any Data Exists?
			STWMA_ID	State Well Number	Local Name	Production Data Exists?	Water Level Data Exists?	Water Quality Data Exists?
San Tim Canyon	OWNER UNKNOWN	Private	1003087	02S02W35R02		N	N	N
San Tim Canyon	PLANTATION ON THE LAKE	Private	1206846	02S02W31D		Y	N	Y
San Tim Canyon	SAXBURY JESSE	Private	1201625	02S03W13B	1	N	N	N
San Tim Canyon	SCHWENCKERT, HENRY W. AND JEWEL	Private	1201539	02S02W19P01	1	N	N	N
San Tim Canyon	SINGLETON	Private	1206883	02S02W28C03		N	N	N
San Tim Canyon	STEWART, J. H.	Private	1003112	02S03W24B01		N	N	N
San Tim Canyon	UNITED STATES, GEOLOGICAL SURVEY	Public	1003045	02S02W18N01	USGS 2	N	Y	Y
YVWD	BEAUMONT-YUCAIPA WATER CONS A	Public	1201560	02S02W25C02	1	N	N	N
YVWD	BEAUMONT-YUCAIPA WATER CONS A	Public	1201562	02S02W25C04	2	N	N	N
YVWD	BEAUMONT-YUCAIPA WATER CONS A	Public	1003074	02S02W25D04	3	N	N	N
YVWD	BEAUMONT-YUCAIPA WATER CONS A	Public	1003068	02S02W25B01	MORENO 6	N	Y	Y
YVWD	BEAUMONT-YUCAIPA WATER CONS A	Public	1201573	02S02W26A02	Y99B	N	N	N
YVWD	BEAUMONT-YUCAIPA WATER CONS A	Public	1201561	02S02W25C03		N	N	N
YVWD	BECKFORD, D	Private	1201550	02S02W24H01	1	N	N	N
YVWD	BENNING, JOHN (JACK)	Private	1003057	02S02W24E01		N	N	N
YVWD	BENNING, JOHN (JACK)	Private	1201548	02S02W24F01		N	N	N
YVWD	BONILLA, LUIS ALFREDO	Private	1003061	02S02W24H03	#352 Alfredo Bo	N	Y	Y
YVWD	BROWN CO DBA LIVGTON-GRAM TRI	Private	1201544	02S02W23J06	1	N	N	N
YVWD	BURNS, DARREL	Private	1003042	02S02W15R01	HICKS #Y-74	N	N	N
YVWD	COASTWISE INVESTMENT CO	Private	1201568	02S02W25H01		N	N	N
YVWD	COMPAGNA, D	Private	1201551	02S02W24J01		N	N	N
YVWD	COOPER, D. B.	Private	1003052	02S02W23H01	HICKS Y-56	N	N	N
YVWD	COPPER STATE ASSOCIATES INC	Private	1201532	02S02W14N02	1	N	Y	Y
YVWD	COPPER STATE ASSOCIATES INC	Private	1201533	02S02W14N	2	N	Y	Y
YVWD	COPPER STATE ASSOCIATES INC	Private	1201531	02S02W14L	3	N	Y	Y
YVWD	DUNN, MICHAEL	Private	1002956	02S01W30E03	NO. 1	N	Y	Y
YVWD	FORD, JACK	Private	1201555	02S02W24Q02	2	N	N	N
YVWD	GARNAR, WILMAN, J.	Private	1201543	02S02W23J03		N	N	N
YVWD	GUDGELL, JANET	Private	1002957	02S01W30E04	3	N	N	N
YVWD	HEWITT, PATRICIA	Private	1201553	02S02W24N01		N	N	N
YVWD	HEWITT, PATRICIA	Private	1003066	02S02W24N02	NO. 2	N	Y	Y
YVWD	HUDSON, O.	Private	1003044	02S02W17D01		N	N	N
YVWD	HUGHES, PAUL	Private	1201545	02S02W23R	1	N	Y	Y
YVWD	KRAMER, R. A/LA MAY, HARRY	Private	1201446	02S01W19D01		N	N	N
YVWD	MORENO MUTUAL IRRIGATION CO.	Public	1003077	02S02W25F01	2	N	N	N
YVWD	MORENO MUTUAL IRRIGATION CO.	Public	1003070	02S02W25C01	8	N	N	N
YVWD	MORENO MUTUAL IRRIGATION CO.	Public	1201565	02S02W25D07	#4	N	N	N
YVWD	MURRAY CECIL M	Private	1201556	02S02W25B02	IRR-GAS	Y	Y	Y
YVWD	MURRAY CECIL M	Private	1201557	02S02W25B03	PRESSURE	Y	Y	Y
YVWD	OAK VALLEY PARTNERS	Private	1003072	02S02W25D02	7	N	N	N
YVWD	OAK VALLEY PARTNERS	Private	1003071	02S02W25D01	MORENO 5	N	Y	Y
YVWD	OAK VALLEY PARTNERS	Private	1201574	02S02W26A	SINGLETON #7	Y	N	Y
YVWD	OAK VALLEY PARTNERS	Private	1003075	02S02W25D05	SINGLETON RANCH 5	Y	N	Y
YVWD	OAK VALLEY PARTNERS	Private	1201567	02S02W25G01	STOKES	Y	Y	Y
YVWD	OWNER UNKNOWN	Private	1003065	02S02W24M02	#362 Bryan, Pau	N	Y	Y
YVWD	OWNER UNKNOWN	Private	1002953	02S01W30C01		N	N	N
YVWD	OWNER UNKNOWN	Private	1003030	02S02W14J01		N	N	N
YVWD	OWNER UNKNOWN	Private	1003053	02S02W23H02		N	N	N
YVWD	OWNER UNKNOWN	Private	1003054	02S02W23R02		N	N	N

Table 1  
Initial Catalog of Wells To Canvas

Member Agency Sphere	Owner	Private or Public?	Existing Well Information						
			STWMA_ID	State Well Number	Local Name	Production Data Exists?	Water Level Data Exists?	Water Quality Data Exists?	Any Data Exists?
YVWD	OWNER UNKNOWN	Private	1003076	02S02W25D08			N	N	N
YVWD	OWNER UNKNOWN	Private	1003060	02S02W24G01			N	N	N
YVWD	OWNER UNKNOWN	Private	1003067	02S02W24R02			N	N	N
YVWD	OWNER UNKNOWN	Private	1002954	02S01W30E01			N	N	N
YVWD	OWNER UNKNOWN	Private	1002955	02S01W30E02			N	N	N
YVWD	OWNER UNKNOWN	Private	1201552	02S02W24K01			N	N	N
YVWD	PASTERNAK, DORTHY	Private	1201559	02S02W25C	1		N	Y	Y
YVWD	ROGERS, MILDRED I	Private	1201542	02S02W23F01	DOS LAG 2		N	N	N
YVWD	SHADYBROOK RANCH	Private	1201540	02S02W22C01			N	N	N
YVWD	SHADYBROOK RANCH	Private	1201576	02S02W26C01			N	N	N
YVWD	SHADYBROOK RANCH	Private	1206844	02S02W24K	1		Y	Y	Y
YVWD	SHARONDALE MESA OWNERS ASSOCIATION	Private	1206845	02S02W24K02	2		Y	N	Y
YVWD	SHARONDALE MESA OWNERS ASSOCIATION	Private	1003051	02S02W23C01	HICKS #Y-54		N	N	N
YVWD	SINGLETON	Private	1206849	02S02W23K01			N	N	N
YVWD	SINGLETON	Private	1201549	02S02W24F02	17351K		N	N	N
YVWD	SLY	Private	1201554	02S02W24Q01			N	N	N
YVWD	VALDEZ, ANGIE	Private	1201572	02S02W26A03			N	Y	Y
YVWD	VIRGINIA CITY LAND & WATER COM	Private	1007007	02S01E33J01	1		N	Y	Y
Outside of Area	BANNING, CITY OF	Public	1007008	02S01E33J01	2		N	Y	Y
Outside of Area	BANNING, CITY OF	Public	1007009	02S01E33J02	3		N	Y	Y
Outside of Area	BANNING, CITY OF	Public	1206840	03S01E10N01	C-6 YARD		N	N	N
Outside of Area	BANNING, CITY OF	Public	1206841	03S01E14B01	R-1 (C-7)		N	N	N
Outside of Area	HILL & SOOY	Private	1004406	03S02W28Q01			N	Y	Y
Outside of Area	OWNER UNKNOWN	Private	1206721	03S02E31P01			N	N	Y
Outside of Area	OWNER UNKNOWN	Private	1206730	03S03E08M01			N	Y	Y
Outside of Area	OWNER UNKNOWN	Private	1206728	03S02E28P01			N	N	N
Outside of Area	OWNER UNKNOWN	Private	1207004	03S01E03C02	2		Y	Y	Y
Outside of Area	ROBERTSON'S REDI MIX	Private	1207016	03S01E04A01	1		N	N	Y
Outside of Area	SUMMIT CEMETERY DISTRICT	Private	1206715	03S02E23C01			N	N	Y
Outside of Area	TALLENT, L.	Private	1206714	03S02E23B01			N	Y	Y
Outside of Area	TALLENT, L.	Private					N	Y	Y

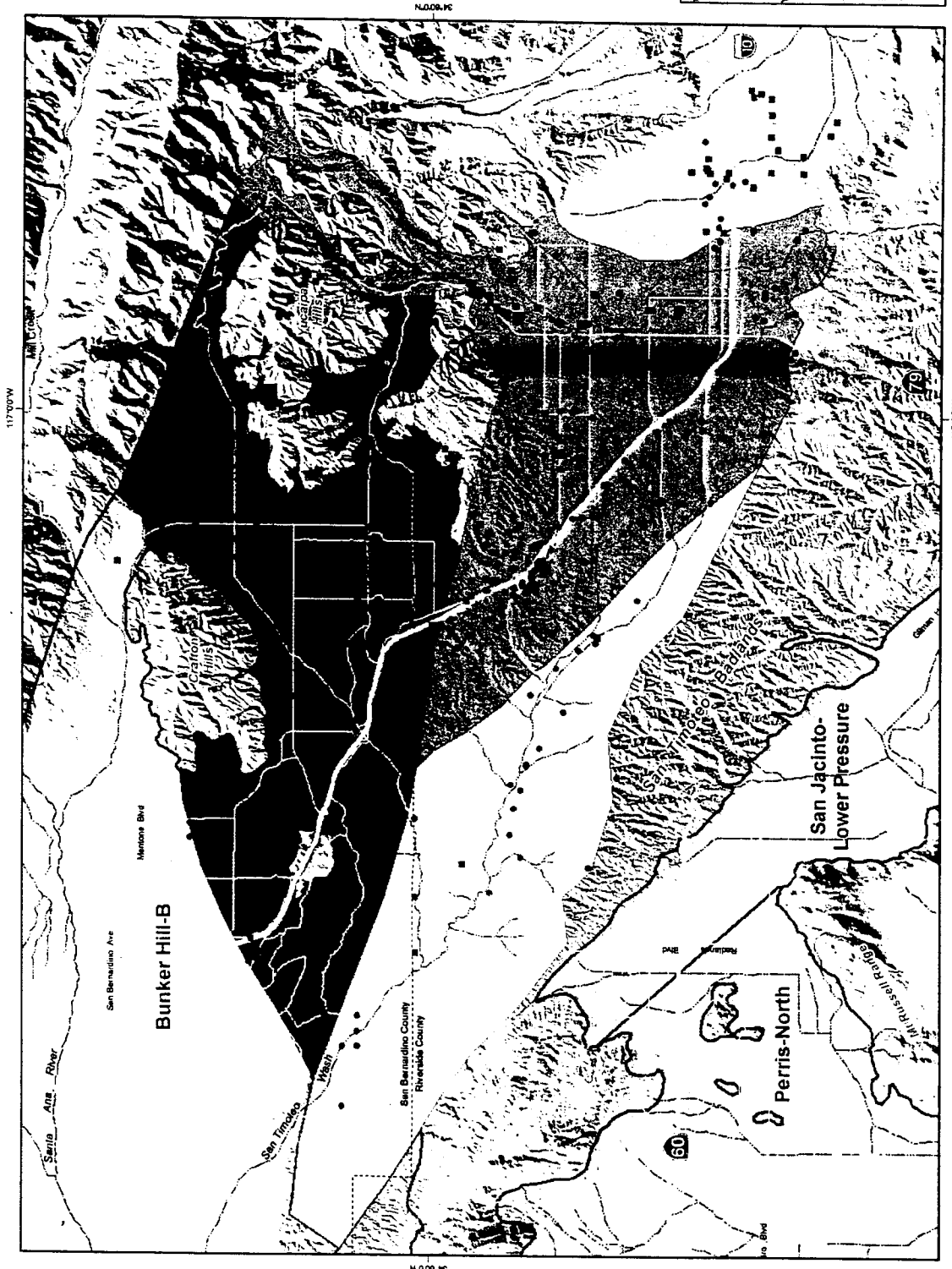
Table 2  
Planning Level Cost for Title 22 Required  
Sampling

Analyte Suite	Cost per Sample
Bacteriological	\$25
Inorganic Chemicals	\$180
General Minerals	\$140
General Physical	\$30
Organic Chemicals	\$1,410
Gross Alpha	\$50
Uranium	\$75
Asbestos	\$200
Dioxin	\$600
<b>Total</b>	<b>\$2,710</b>

**Table 3**  
**Surface Water Monitoring Stations Required in the 2003/04 Basin Plan Amendment that Supports the Maximum Benefit Demonstration**

Site Name	Discharge	Monitoring Entity	Owner	Type	Discharge Monitoring		Water Quality Monitoring			
					Frequency	Period	Frequency	Period	Analyses	
									RWQCB	DHS <sup>1</sup>
Above Confluence with Coopers Creek	San Timoteo Creek	Beaumont and STWMA		Total Discharge	Bi-weekly	Jan - Dec	Bi-weekly	Jan - Dec	TDS, TIN, & General Physical	TOC, TDS, Nitrate, Nitrite, TN
Near Hinda @ T2SR2W Sec 35	San Timoteo Creek	Beaumont and STWMA		Total Discharge	Bi-weekly	Jan - Dec	Bi-weekly	Jan - Dec	TDS, TIN, & General Physical	TOC, TDS, Nitrate, Nitrite, TN
Above Confluence with San Timoteo Creek	Coopers Creek	Beaumont and STWMA		Total Discharge	Bi-weekly	Jan - Dec	Bi-weekly	Jan - Dec	TDS, TIN, & General Physical	TOC, TDS, Nitrate, Nitrite, TN
At Interstate 10	Little San Gorgonio Creek	Beaumont and STWMA		Total Discharge	Bi-weekly	Jan - Dec	Bi-weekly	Jan - Dec	TDS, TIN, & General Physical	TOC, TDS, Nitrate, Nitrite, TN
At Interstate 10	Noble Creek	Beaumont and STWMA		Total Discharge	Bi-weekly	Jan - Dec	Bi-weekly	Jan - Dec	TDS, TIN, & General Physical	TOC, TDS, Nitrate, Nitrite, TN
Recharge to Beaumont Man Zone	State Water Project Water	Beaumont and STWMA		Total Discharge	Monthly	Jan - Dec	Monthly	Jan - Dec	TDS, Nitrate-N	TOC, TDS, Nitrate, Nitrite, TN
Recharge to Beaumont Man Zone	Storm Water	Beaumont and STWMA		Total Discharge	Monthly	Jan - Dec	Monthly	Jan - Dec	TDS, Nitrate-N	TOC, TDS, Nitrate, Nitrite, TN

Note 1 – Other constituents will be required when recharge project is identified and permit process is initiated



**Main Map Features**

- Private Well – No Data in Past 5 Years
- Private Well – Some Data in Past 5 Years
- Public Well – No Data in Past 5 Years
- Public Well – Some Data in Past 5 Years

**Basin Plan Management Zones**

- Beaumont
- San Timoteo
- Yucaipa
- Other

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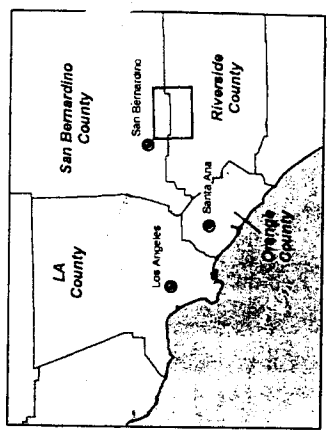
**WE WILDERBATH**  
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Author: AEM  
Date: 2004/03/17  
File: Figure\_3.mxd

STWMA/City of Beaumont  
Maximum Benefit Monitoring Program  
Monitoring Program Description

0 1 2 3 4 Miles  
0 2 4 6 KM



**Location Map of Existing Wells**

**Figure 1**